

List of Pages and Lines Exempt from Disclosure

<b>Task Order 5 – Task Order and Modifications</b>		
Task Order 5 Modification 0001 Modification 0003 Modification 0005	Fixed Fee Amounts	Delete the values associated with the fixed fee amounts. These deletions are essential to prevent a competitor from obtaining access to SAIC confidential financial information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.

<b>Task Order 5 - Cost Proposal</b>		
Pages 1-2	All lines	Delete the values associated with the price, total contract amounts, pricing rates, and hours. These deletions are essential to prevent a competitor from obtaining access to SAIC confidential financial information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.

<b>Task Order 5 - Task Management Plan (12/27/05)</b>		
Page 1 Page 10 Page 11 Page 12 Page 15 Page 16 Page 17	Lines 36-39 Lines 13-43 Lines 1-28 Lines 4-6 Lines 38-40 All lines Lines 1-32	These pages describe SAIC's technical approach for accomplishing the IT/OA project SOW. This approach is a result of SAIC's own creative knowledge and experience and is not publicly

		available. Release of this confidential information would cause substantial harm to SAIC's competitive posture on future procurements by allowing competitors to duplicate this technical approach to SAIC's detriment.
Page 17	Lines 37-40	Delete the names of SAIC personnel. Release of the names of SAIC personnel would allow competitors the ability to contact these personnel for the purpose of pirating them away from SAIC, thereby harming our competitive position.

Task Order 5 - Work Breakdown Structure/GANTT Schedule		
All Pages	All Lines	Delete SAIC's estimated hours for the described taskings. This deletion is essential to prevent a competitor from obtaining access to SAIC confidential pricing information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.

# ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF PAGES 4

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 2005	2. CONTRACT NO. (if any) QA133005CQ1035	6. SHIP TO: WG953023	
NO. 005	4. REQUISITION/REFERENCE NO. NWVG9500-5-24777	a. NAME OF CONSIGNEE NATIONAL DATA BUOY CENTER	
ISSUING OFFICE Address correspondence to: WG953023 NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 DENNIS E. MORRIS 228-688-1705 TO: 00004157 TIN: 953630868		b. STREET ADDRESS RESOURCES BRANCH /W/OPS53 BUILDING 1100	
Name of Contractor SAIC		c. CITY STENNIS SPACE CENTER	d. STATE MS
Company Name CIENCE APPLICATIONS INTERNATIONAL CORPORATION		e. ZIP CODE 39529-6000	
Street Address 10260 CAMPUS POINT DRIVE MAIL STOP G2		f. SHIP VIA	
City SAN DIEGO		8. TYPE OF ORDER	
ACCOUNTING AND APPROPRIATION BOC: See Attached Schedule		a. PURCHASE <input type="checkbox"/> b. DELIVERY <input checked="" type="checkbox"/>	
OBLIGATED AMT: \$382,500.00		REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
		Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
		10. REQUISITIONING OFFICE	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))			
<input type="checkbox"/> a. SMALL	<input checked="" type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> d. WOMEN-OWNED
12. F.O.B. POINT DESTINATION		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE 30 Sep 2005
13. PLACE OF a. INSPECTION b. ACCEPTANCE		16. DISCOUNT TERMS 00.00% 0 Days Net 0	

## 17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
	SEE SCHEDULE					

18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.	17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:			
a. NAME NATIONAL DATA BUOY CENTER			17(i) GRAND TOTAL
b. STREET ADDRESS (or P.O. Box) RESOURCES BRANCH /W/OPS53 BUILDING 1100			
c. CITY STENNIS SPACE CENTER	d. STATE MS	e. ZIP CODE 39529-6000	

22. UNITED STATES OF AMERICA BY (Signature)

23. NAME (Typed)  
TIMOTHY D. BLACK  
(TITLE CONTRACTING/ORDERING OFFICER)  
228-688-2382

AUTHORIZED FOR LOCAL REPRODUCTION

OPTIONAL FORM 347 (REV. 6/95)  
Prescribed by GSA/FAR 48 CFR 53.213(e)

# ORDER FOR SUPPLIES OR SERVICES - Continuation

PAGE 2 OF PAGES 4

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER  
20 Jun 2005

CONTRACT NO. (if any)  
QA133005CQ1035

ORDER NO.  
0005

LINE NO.	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0001	<p>TASK ORDER 05-TOS-0005 - IT/OA</p> <p>Provide all labor and materials to accomplish management and oversight of the Marine Observation Network in accordance with the Task Management Plan (TMP). The performance period for this task order is 07/01/2005-09/30/2005.</p> <p>FFP - 1 Option Period</p> <p>Accounting and Appropriation Data:            14.05.4BM1J60PRG06040102000.2006000095            020000.25130000            \$ 10,000.00 ✓            14.05.4RM1JW2PRF07040102000.200600009            5020000.25130000            \$ 22,500.00 ✓            14.05.C8M5JDBPAB31040401010.200600009            5020000.25130000            \$ 50,000.00 ✓            14.05.C8M5J11PT431040401005.2006000095            010000.25130000            \$ 131,868.61</p> <p>FFP Option 1</p>	1	JB	214,368.61	214,368.61	
0002	<p>TASK ORDER 05-TOS-0005 - IT/OA</p> <p>Provide all labor and materials to accomplish management and oversight of the Marine Observation Network in accordance with the Task Management Plan (TMP). The performance period for this task order is 10/01/2005-12/31/2005.</p> <p>The proposed fixed price for this option is \$214,368.60.</p>	0	EA	0.00	0.00	

# ORDER FOR SUPPLIES OR SERVICES - Continuation

PAGE 3 OF PAGES 4

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER  
30 Jun 2005

CONTRACT NO. (if any)  
QA133005CO1035

ORDER NO.  
0005

NO.	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)				
0003	<p>Cost Plus Fixed Fee TASK ORDER 05-TOS-0005 - IT/OA</p> <p>Provide all labor and materials to accomplish management and oversight of the Marine Observation Network in accordance with the Task Management Plan (TMP). The performance period for this task order is 07/01/2005-12/31/2005.</p> <p>CPFF</p> <p>The fixed fee for this CLIN is [REDACTED]</p> <table><tr><td>TOTAL CLIN VALUE</td><td>TOTAL SUM ALLOTTED</td></tr><tr><td>\$361,815.87</td><td>\$168,131.39</td></tr></table> <p>Accounting and Appropriation Data: 14.05.C8M5J11PT431040401005.2006000095 010000.25130000 \$ 168,131.39</p>	TOTAL CLIN VALUE	TOTAL SUM ALLOTTED	\$361,815.87	\$168,131.39	1	JB	361,815.87	361,815.87	
TOTAL CLIN VALUE	TOTAL SUM ALLOTTED									
\$361,815.87	\$168,131.39									

D. Laurent

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. Contract ID Code	Page 1 of Pages 2
2. Amendment/Modification No. 0001	3. Effective Date Aug 10, 2005 Code WG953023	4. Requisition/Purchase Req. No. NWWG9500-5-25241	5. Project No. (If applicable)	
6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 TIMOTHY D. BLACK 228-688-2382		7. Administered By (If other than Item 6) SEE BLOCK 6 Code		
8. Name and Address of Contractor (No., Street, County, and Zip Code)  SCIENCE APPLICATIONS INTERNATIONAL CORP 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578  Vendor ID: 00004157 DUNS: 148095086  CAGE: 0T5L1		(X)	9A. Amendment of Solicitation No.	
			9B. Date (See Item 11)	
		X	10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0005 ✓	
			10B. Date (See Item 13) Jun 30, 2005	
Code		Facility Code		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
See Schedule

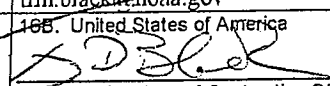
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x)	A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
	B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
	C. This supplemental agreement is entered into pursuant to authority of:
X	D. Other (Specify type of modification and authority) FAR 52.232-22 Limitation of Funds (Apr 1984)
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.	

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to add funds to CLIN 0003.
2. Add the following Accounting and Appropriation Data to CLIN 0003:  
  
1405C8M5JTHPDT31040401006200600009502000025130000 60,000.00
3. The total value of this task order has not changed.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)	16A. Name and title of Contracting Officer (Type or Print) TIMOTHY D. BLACK 228-688-2382 Contracting Officer tim.black@noaa.gov		
15B. Contractor/Offoror  (Signature of person authorized to sign)	15C. Date Signed	16B. United States of America  (Signature of Contracting Officer)	16C. Date Signed Aug 10, 2005

# SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount												
003	<p>Cost Plus Fixed Fee TASK ORDER 05-TOS-0005 - IT/OA</p> <p>Provide all labor and materials to accomplish management and oversight of the Marine Observation Network in accordance with the Task Management Plan (TMP). The performance period for this task order is 07/01/2005-12/31/2005.</p> <p>CPFF</p> <p>The fixed fee for this CLIN is [REDACTED]</p> <table><tr><td></td><td>TOTAL CLIN VALUE</td><td>TOTAL SUM ALLOTTED</td></tr><tr><td>Previous:</td><td>\$361,815.87</td><td>\$168,131.39</td></tr><tr><td>Change:</td><td><u>\$0.00</u></td><td><u>\$ 60,000.00</u></td></tr><tr><td>Current:</td><td>\$361,815.87</td><td>\$228,131.39</td></tr></table> <p>Accounting and Appropriation Data: 14.05.C8M5JTHPDT31040401006.200600009502 0000.25130000 US\$ 60,000.00</p> <p>14.05.C8M5J1IPT431040401005.2006000095010 000.25130000 US\$ 168,131.39</p>		TOTAL CLIN VALUE	TOTAL SUM ALLOTTED	Previous:	\$361,815.87	\$168,131.39	Change:	<u>\$0.00</u>	<u>\$ 60,000.00</u>	Current:	\$361,815.87	\$228,131.39	1	JB	361,815.87	361,815.87
	TOTAL CLIN VALUE	TOTAL SUM ALLOTTED															
Previous:	\$361,815.87	\$168,131.39															
Change:	<u>\$0.00</u>	<u>\$ 60,000.00</u>															
Current:	\$361,815.87	\$228,131.39															

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## AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

Contract ID Code

Page 1 of Pages 2

2. Amendment/Modification No. 0002	3. Effective Date Sep 20, 2005	4. Requisition/Purchase Req. No. NWWG9500-5-25792	5. Project No. (If applicable)
6. Issued By SCIENCE APPLICATIONS INTERNATIONAL CORP RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 TIMOTHY D. BLACK 228-688-2382		7. Administered By (If other than Item 6) SEE BLOCK 6	Code
8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORP 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		Vendor ID: 00004157 DUNS: 148095086 CAGE: 0T5L1	(X) 9A. Amendment of Solicitation No. 9B. Date (See Item 11) 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0005 10B. Date (See Item 13) Jun 30, 2005
Code	Facility Code		

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
See Schedule \$ US 214,368.60

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
	B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
	C. This supplemental agreement is entered into pursuant to authority of:
X	D. Other (Specify type of modification and authority) Exercise Pre-Priced Optional CLIN
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.	

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to exercise Optional Contract Line Item (CLIN) 0002 for 3 months of IT support. The accounting and appropriation data is new and must be added to this task order.

2. Add the following funds to this task order for CLIN 0002:

1405C2KC4CPP0034010704011200600009501000025130000 \$100,000.00  
 1405C2KC4BCP0034010704012200600009501000025130000 \$78,000.00  
 1405C8M5J11PAL31040401005200600009503000025130000 \$36,368.60

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) TIMOTHY D. BLACK Contracting Officer tim.black@noaa.gov	16A. Name and title of Contracting Officer (Type or Print) TIMOTHY D. BLACK Contracting Officer tim.black@noaa.gov	228-688-2382
15B. Contractor/Officer	15C. Date Signed	16B. United States of America
(Signature of person authorized to sign)	(Signature of Contracting Officer)	16C. Date Signed Sep 20, 2005

# SCHEDULE

Item No.	Supplies/Service	Quantity	Unit	Unit Price	Amount
	<p>Exercised Option</p> <p>TASK ORDER 05-TOS-0005 - IT/OA</p> <p>Provide all labor and materials to accomplish management and oversight of the Marine Observation Network in accordance with the Task Management Plan (TMP). The performance period for this task order is 10/01/2005-12/31/2005.</p> <p>The proposed fixed price for this option is \$214,368.60.</p> <p>Accounting and Appropriation Data:            14.05.C8M5J11PAL31040401005.2006000095030            000.25130000            US\$ 36,368.00            14.05.C2KC4BCP0034010704012.2006000095010            000.25130000            US\$ 78,000.00            14.05.C2KC4CPP0034010704011.2006000095010            000.25130000            US\$ 100,000.00</p>	1	EA	214,368.60	214,368.60

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## AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

Contract ID Code

Page 1 of Pages 2

2. Amendment/Modification No. 0003	3. Effective Date Sep 23, 2005	4. Requisition/Purchase Req. No. NWWG9500-5-25815	5. Project No. (If applicable) Code
6. Issued By SCIENCE APPLICATIONS INTERNATIONAL CORPORATION RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 DENNIS E. MORRIS 228-688-1705		7. Administered By (If other than Item 6) SEE BLOCK 6	
8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORPORATION SAIC 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		(X) 9A. Amendment of Solicitation No.  9B. Date (See Item 11)  10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0005 10B. Date (See Item 13) Jun 30, 2005	
Code		Facility Code	

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
See Schedule

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS:  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
	B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)
	C. This supplemental agreement is entered into pursuant to authority of:
X	D. Other (Specify type of modification and authority) FAR 52.232-22 Limitation of Funds (Apr 1984)
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.	

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to add incremental funding to this task order.

2. Add the following Accounting and Appropriation Data to CLIN 0003.

1405C8R1DA1P1531030104000200600009501000025130000 \$8,907.98

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) DENNIS E. MORRIS Contracting Officer Dennis.Morris@noaa.gov	16A. Name and title of Contracting Officer (Type or Print) DENNIS E. MORRIS 228-688-1705 Contracting Officer Dennis.Morris@noaa.gov
15B. Contractor/Officer	15C. Date Signed
(Signature of person authorized to sign)	(Signature of Contracting Officer)
15D. United States of America	16C. Date Signed 9/23/05

# SCHEDULE

Item No.	Supplies/Serv	Quantity	Unit	Unit Price	Amount								
0003	<p>Cost Plus Fixed Fee TASK ORDER 05-TOS-0005 - IT/OA</p> <p>Provide all labor and materials to accomplish management and oversight of the Marine Observation Network in accordance with the Task Management Plan (TMP). The performance period for this task order is 07/01/2005-12/31/2005.</p> <p>CPFF<sup>1</sup></p> <p>The fixed fee for this CLIN is [REDACTED]</p> <table><tr><td>TOTAL CLIN VALUE</td><td>TOTAL SUM ALLOTTED</td></tr><tr><td>Previous: \$361,815.87</td><td>\$228,131.39</td></tr><tr><td>Change: <u>\$0.00</u></td><td><u>\$ 8,907.98</u></td></tr><tr><td>Current: \$361,815.87</td><td>\$237,039.37</td></tr></table> <p>Accounting and Appropriation Data: 14.05.C8R1DA1P1531030104000.2006000095010 000.25130000 US\$ 8,907.98 14.05.C8M5JTHPDT31040401006.200600009502 0000.25130000 US\$ 60,000.00 14.05.C8M5J11PT431040401005.2006000095010 000.25130000 US\$ 168,131.39</p>	TOTAL CLIN VALUE	TOTAL SUM ALLOTTED	Previous: \$361,815.87	\$228,131.39	Change: <u>\$0.00</u>	<u>\$ 8,907.98</u>	Current: \$361,815.87	\$237,039.37	1	JB	361,815.87	361,815.87
TOTAL CLIN VALUE	TOTAL SUM ALLOTTED												
Previous: \$361,815.87	\$228,131.39												
Change: <u>\$0.00</u>	<u>\$ 8,907.98</u>												
Current: \$361,815.87	\$237,039.37												

Dan Laurent

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code  
Page 1 of Pages 3

2. Amendment/Modification No. 0004  
3. Effective Date Dec 20, 2005  
4. Requisition/Purchase Req. No. NWWG9501-6-26368  
5. Project No. (if applicable) 60000382

6. Issued By  
NATIONAL DATA BUOY CENTER  
RESOURCES BRANCH /W/OPS53  
BUILDING 1100  
STENNIS SPACE CENTER, MS 39529-6000  
TIMOTHY D. BLACK 228-688-2382  
7. Administered By (If other than Item 6) SEE BLOCK 6  
Code

8. Name and Address of Contractor (No., Street, County, and Zip Code)  
SCIENCE APPLICATIONS INTERNATIONAL CORP  
10260 CAMPUS POINT DRIVE  
MAIL STOP G2  
SAN DIEGO CA 921211578  
Vendor ID: 00004157  
DUNS: 148095086  
CAGE: 0T5L1  
9A. Amendment of Solicitation No.  
9B. Date (See Item 11)  
10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0005  
10B. Date (See Item 13) Jun 30, 2005

Code Facility Code

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)

See Schedule \$ US

## 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.

IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.  
B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)  
X C. This supplemental agreement is entered into pursuant to authority of:  
In scope change within the terms and conditions of the task order by mutual agreement  
D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

4. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to add incremental funds, add CLIN 0004, and add CLIN 0005. The accounting and appropriation data is new and must be added to the task order.

The following funds are added to the task order:

1406D8M6J11PT437040406001200600009501000025130000

\$435,058.97

See pages 2-3 of the modification for details about the CLINs.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)  
Amanda Carey  
Contracting Officer  
16A. Name and title of Contracting Officer (Type or Print)  
TIMOTHY D. BLACK  
Contracting Officer  
tim.black@noaa.gov  
228-688-2382  
15B. Contractor/Officer  
15C. Date Signed  
16B. United States of America  
16C. Date Signed  
(Signature of person authorized to sign)  
(Signature of Contracting Officer)

# SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0005	<p>FFP Option 2 TASK ORDER 05-TOS-05 - IT/OA</p> <p>Provide all labor and materials to operate and maintain the Information Technology and Office Automation for the NDBC Ocean Observing System (NOOS) in accordance with the Task Management Plan (TMP). The performance period for this Contract Line Item is 04/01/2006-06/30/2006.</p> <p>The firm fixed price for this option is \$385,058.97.</p> <p>FFP</p>	0	EA	0.00	0.00

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code  
Page 1 of Pages 4

2. Amendment/Modification No. 0005	3. Effective Date Feb 13, 2006	4. Requisition/Purchase Req. No. NWWG9501-6-26546	5. Project No. (if applicable)
6. Issued By NATIONAL DATA BUOY CENTER SOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 TIMOTHY D. BLACK 228-688-2382		7. Administered By (If other than Item 6) SEE BLOCK 6	
8. Name and Address of Contractor (No., Street, County, and Zip Code)  SCIENCE APPLICATIONS INTERNATIONAL CORP 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		9A. Amendment of Solicitation No. 9B. Date (See Item 11) 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0005 10B. Date (See Item 13) Jun 30, 2005	
Code		Facility Code	

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
See Schedule \$ US 22,462.96

## 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

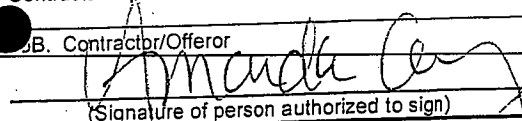
<input type="checkbox"/>	A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
<input type="checkbox"/>	B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
X	C. This supplemental agreement is entered into pursuant to authority of: In scope change within the terms and conditions of the task order by mutual agreement
<input type="checkbox"/>	D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See page 4 for the details of this modification.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)  Amanda Carey Contracts Rep	16A. Name and title of Contracting Officer (Type or Print) TIMOTHY D. BLACK Contracting Officer tim.black@noaa.gov	16B. United States of America	16C. Date Signed 2/13/06
15B. Contractor/Officer  (Signature of person authorized to sign)	15C. Date Signed 02/13/06	(Signature of Contracting Officer)	

NSN 7540-01-152-8070

PREVIOUS EDITIONS UNUSABLE

30-105

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA FAR (48 CFR) 53.243

## SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0001	<p>TASK ORDER 05-TOS-0005 - IT/OA</p> <p>Provide all labor and materials to accomplish management and oversight of the Marine Observation Network in accordance with the Task Management Plan (TMP). The performance period for this task order is 07/01/2005-09/30/2005.</p> <p>FFP - 1 Option Period</p> <p>Accounting and Appropriation Data:  14.05.4BM1J60PRG06040102000.2006000095020  000.25130000  US\$ 10,000.00  14.05.4RM1JW2PRF07040102000.200600009502  0000.25130000  US\$ 22,500.00  14.05.C8M5JDBPAB31040401010.200600009502  0000.25130000  US\$ 50,000.00  14.05.C8M5J11PT431040401005.2006000095010  000.25130000  US\$ 130,951.65</p> <p>Exercised Option</p>	1	JB	213,451.65	213,451.65
0002	<p>TASK ORDER 05-TOS-0005 - IT/OA</p> <p>Provide all labor and materials to accomplish management and oversight of the Marine Observation Network in accordance with the Task Management Plan (TMP). The performance period for this task order is 10/01/2005-12/31/2005.</p> <p>Accounting and Appropriation Data:  14.05.C8M5J11PAL31040401005.2006000095030  000.25130000  US\$ 36,368.00  14.05.C2KC4BCP0034010704012.2006000095010  000.25130000  US\$ 78,000.00  14.05.C2KC4CPP0034010704011.2006000095010  000.25130000  US\$ 98,898.92</p>	1	JB	213,266.92	213,266.92

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount												
0003	<p>Cost Plus Fixed Fee TASK ORDER 05-TOS-0005 - IT/OA</p> <p>Provide all labor and materials to accomplish management and oversight of the Marine Observation Network in accordance with the Task Management Plan (TMP). The performance period for this task order is 07/01/2005-12/31/2005.</p> <p>CPFF</p> <p>The fixed fee for this CLIN is [REDACTED]</p> <table><tr><td></td><td>TOTAL CLIN VALUE</td><td>TOTAL SUM ALLOTTED</td></tr><tr><td>Previous:</td><td>\$361,815.87</td><td>\$287,039.37</td></tr><tr><td>Change:</td><td>0.00</td><td>24,481.00</td></tr><tr><td>Current:</td><td>\$361,815.87</td><td>\$311,520.37</td></tr></table> <p>Accounting and Appropriation Data: 14.05.C2KC4CPP0034010704011.2006000095010 000.25130000 US\$ 1,101.08 14.05.C8R1DA1P1531030104000.2006000095010 000.25130000 US\$ 8,907.98 14.05.C8M5JTHPDT31040401006.200600009502 0000.25130000 US\$ 60,000.00 14.06.D8M6J11PT437040406001.2006000095010 000.25130000 US\$ 72,462.96 14.05.C8M5J11PT431040401005.2006000095010 000.25130000 US\$ 169,048.35</p>		TOTAL CLIN VALUE	TOTAL SUM ALLOTTED	Previous:	\$361,815.87	\$287,039.37	Change:	0.00	24,481.00	Current:	\$361,815.87	\$311,520.37	1	JB	361,815.87	361,815.87
	TOTAL CLIN VALUE	TOTAL SUM ALLOTTED															
Previous:	\$361,815.87	\$287,039.37															
Change:	0.00	24,481.00															
Current:	\$361,815.87	\$311,520.37															

CONTINUATION OF SF 30 BLOCK 14

1. The purpose of this modification is to definitize CLIN 0001 and CLIN 0002; grant an equitable adjustment for travel; and add funds to CLIN 0003. The accounting and appropriation data already exists on this task order.

2. The total value of CLIN 0001 is changed from \$214,368.61 to \$213,451.65, a net decrease of \$916.96. The decrease in value includes reductions in profit by \$4,584.77 for the direct labor task level incentive and a \$147.41 reduction in profit on Other Direct Costs. These reductions were somewhat offset by an equitable adjustment of \$3,634.00 to compensate SAIC for Government-directed travel.

3. The total value of CLIN 0002 is changed from \$214,368.60 to \$213,266.92, a net decrease of \$1,101.08. The decrease in value includes reductions in profit by \$772.45 for the direct labor task level incentive, a \$147.41 reduction in profit on Other Direct Costs, and a \$181.22 credit for overpayment on CLIN 0001.

4. Add funds to this task order for CLIN 0003 as follows:

1406D8M6J11PT437040406001200600009501000025130000 \$22,462.96

5. CLIN 0001 and 0002 have been definitized. In consideration of the modification agreed to herein as complete equitable adjustments for CLIN 0001 and 0002 (including an equitable adjustment for travel dated 01/04/2006), the Contractor hereby releases the Government from any and all liability under this task order for further equitable adjustments for these items.

END OF MODIFICATION

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code

Page 1 of Pages 2

Amendment/Modification No.

0006

3. Effective Date

Mar 22, 2006

4. Requisition/Purchase Req. No.

NWWG9501-6-27279

5. Project No. (if applicable)

1. Issued By

NATIONAL DATA BUOY CENTER  
RESOURCES BRANCH /W/OPSS3

3100 DING 1100

TENNIS SPACE CENTER, MS 39529-6000

TIMOTHY D. BLACK 228-688-2382

Code WG953023

7. Administered By (If other than Item 6)

SEE BLOCK 6

Code

3. Name and Address of Contractor (No., Street, County, and Zip Code)

SCIENCE APPLICATIONS INTERNATIONAL CORPO  
10260 CAMPUS POINT DRIVE  
MAIL STOP G2  
SAN DIEGO CA 921211578

Vendor ID: 00004157  
DUNS: 148095086

CAGE: 0T5L1

(X)

9A. Amendment of Solicitation No.

9B. Date (See Item 11)

10A. Modification of Contract/Order No.

QA1330-05-CQ-1035 0005

10B. Date (See Item 13)

Jun 30, 2005

X

Code

Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)

See Schedule \$ US 385,058.97

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)

C. This supplemental agreement is entered into pursuant to authority of:

D. Other (Specify type of modification and authority)

X Exercise Optional CLIN 0005

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

4. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to exercise CLIN 0005. The accounting and appropriation data already exists on this task order.

See page 2 for the details of CLIN 0005. The following funds are added to the task order for CLIN 0005:

1406D8M6J11PT437040406001200600009501000025130000 \$385,058.97

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)

16A. Name and title of Contracting Officer (Type or Print)

TIMOTHY D. BLACK

228-688-2382

Contracting Officer

tim.black@noaa.gov

Contractor/Offoror

15C. Date Signed

16B. United States of America

16C. Date Signed

Mar 22, 2006

(Signature of person authorized to sign)

(Signature of Contracting Officer)

NSN 7540-01-152-8070

PREVIOUS EDITIONS UNUSABLE

30-105

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA FAR (48 CFR) 53.243

# SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0005	<p>FFP Option 2 Exercised TASK ORDER 05-TOS-05 - IT/OA</p> <p>Provide all labor and materials to operate and maintain the Information Technology and Office Automation for the NDBC Ocean Observing System (NOOS) in accordance with the Task Management Plan (TMP). The performance period for this Contract Line Item is 04/01/2006-06/31/2006.</p> <p>FFP</p> <p>Accounting and Appropriation Data: 14.06.D8M6J11PT437040406001.2006000095010 000.25130000 US\$ 385,058.97</p>	1	JB	385,058.97	385,058.97

Title of Task Order:	NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA) Task
NDBC Branch:	OPS 51 Data Management and Communications Branch
Performance Period:	Base - January 01, 2006 to March 30, 2006 Option 1 - April 1, 2006 – June 30, 2006 Option 2 - July 1, 2006 – September 30, 2006
Task Order Type: (FFP or CPFF)	FFP – NOOS IT/OA Administration, Operations and Maintenance Tasks CPFF – Software Development Tasks
Purpose: (How this TO relates to NDBC's Mission or What Problem needs to be solved)	Ensures that high-quality atmospheric and oceanographic observations are delivered to customers by maintaining the networks, databases, hardware, software and tools necessary to support the NDBC Ocean Observation System (NOOS).
Background:	<p>The National Data Buoy Center (NDBC) manages the development, operations, and maintenance of the National Weather Services (NWS) NDBC Ocean Observing System (NOOS). The NOOS consists of a network of environment monitoring platforms in the deep ocean and coastal regions that reliably provide accurate data for the NWS and other users. The NDBC IT capabilities are a core component of all NDBC business activities related to the NOOS.</p> <p>The existing IT environment at NDBC represents a mix of people, state-of-the-market hardware and software designed to provide uninterrupted delivery of data to the NWS forecast offices and the Global Telecommunications System (GTS). Other customers of this data include the National Oceanic and Atmospheric Administration's (NOAA) archive centers, the general public, researchers, tsunami warning centers, the U.S. Coast Guard, and many reimbursable customers and partners.</p> <p>This IT investment requires technical support services and technology refreshment support to perform ongoing maintenance and life cycle management of the NDBC IT environment and to accomplish shore-side processing of atmospheric and oceanographic observation data.</p> <p>NDBC computers perform data acquisition, data processing, automated quality assurance, and dissemination of high quality data in real time and via history data files available for Internet access</p>

	<p>and download. Web servers provide continuous real-time information from all marine observing stations, as well as other relevant information directly to the public. Database servers store the operational station data, VOS ship program information, the meteorological and oceanographic observations received and disseminated, and the information required to manage all station equipment and configuration parameters, as well as the logistics, inventory, station reliability, and financial management needs of NDBC. Office automation and data access capabilities are provided by a series of networked servers delivering services across a local area network.</p>
Scope of Effort:	<p>To support the continuous development, maintenance, system administration, and operations of all shore-side IT components. These multiple components each consist of a varied mix of hardware, software applications, telecommunications, and commercial products directly supporting the collection, processing, quality control, and dissemination of observation data.</p> <ul style="list-style-type: none"> <li>a. To support existing NOOS IT systems effectively and efficiently.</li> <li>b. To integrate current projects efficiently and effectively into the NOOS IT.</li> <li>c. To recommend/plan NOSS IT infrastructure enhancements</li> <li>d. To ensure all required internal and external data interfaces are monitored, supported and maintained in real-time.</li> <li>e. To effectively and efficiently operate and maintain the NDBC Office Automation and Help Desk:</li> </ul> <p style="padding-left: 40px;">The NDBC Office Automation and Help Desk supports:</p> <ul style="list-style-type: none"> <li>a. Approximately 1,700 Help Desk calls (annually)</li> <li>b. Approximately 225 seats</li> <li>c. Approximately 165 E-Mail/Calendar users</li> </ul>

<p>Tasks:</p>	<p>Specific tasks to be performed for this task order are identified in the following sections. All IT tasks performed shall be in compliance with Office of Management and Budget (OMB), Department of Commerce (DOC), NOAA, NWS, and NDBC IT guidance, regulations, policies and laws. Applicable IT policies and guidance can be found at the following web sites.</p> <ul style="list-style-type: none"> <li>▪ NWS CIO Policy – <a href="http://www.weather.gov/cio/policy/policy.htm">http://www.weather.gov/cio/policy/policy.htm</a></li> <li>▪ NWS Directives - <a href="http://www.nws.noaa.gov/directives/">http://www.nws.noaa.gov/directives/</a></li> <li>▪ <u>NOAA Policy and Guidance -</u> <a href="https://www.csp.noaa.gov/policies/index.html">https://www.csp.noaa.gov/policies/index.html</a></li> <li>▪ DOC Policy and Guidance – <a href="http://www.osec.doc.gov">http://www.osec.doc.gov</a></li> <li>▪ DOC IT Management Handbook (revision in work as of May 2005) – <a href="http://www.osec.doc.gov/cio/ITSIT/DOC-IT-Secruity-Program-Policy.htm">http://www.osec.doc.gov/cio/ITSIT/DOC-IT-Secruity-Program-Policy.htm</a></li> <li>▪ OMB Circulars – <a href="http://www.whitehouse.gov/omb/circulars/">http://www.whitehouse.gov/omb/circulars/</a></li> </ul> <p><b>1. <u>IT PROJECT PLANNING AND MANAGEMENT (FFP)</u></b></p> <p>Contractor shall provide project management and general business operations support for this task order per the guidance of NWS Directive NDS 80-6 Research and Analysis for Improving Operations and Services and subdirective NDS 80-602 Operational Development Project Plan .</p> <p>Specifically, the contractor should:</p> <ul style="list-style-type: none"> <li>a. Deliver reliable IT products and services within agreed upon cost estimates and schedules.</li> <li>b. Perform short- and long-term NOOS IT planning to ensure that the government's IT support capabilities meet the near and long-term shore-side processing requirements in a timely, effective, and cost efficient manner.</li> </ul>
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- c. Develop and maintain Plan of Action and Milestones (POA&Ms) for on-going maintenance and support activities. The POA&Ms will address applicable milestones and deliverables related to Support Requests (SRs) and task order deliverables.
- d. Prepare and present briefings, presentations, progress reviews, design reviews and demonstrations as required by the government. Daily (weekday) IT status briefs will be given at 8:00 am during the Operations Status brief.
- e. Monitor IT project execution, identify deviations from the project baseline, isolate causes of performance problems, and offer recommendations for risk mitigation.
- f. Provide planning estimates/proposals and impact statements for modifications to present systems and new projects. Estimates and proposals will be requested through SRs and new task orders. Planning estimates/proposals, when requested, shall include, at a minimum:
  - i. The identification of all major tasks required to develop and implement the task order.
  - ii. Estimated cost required to complete each task.
  - iii. Hardware specifications required to support implementation of the new project or system modification.
  - iv. Plan Of Action & Milestones (POA&M).
- g. Provide weekly technical status report describing progress, problem areas and recommended resolutions.

## **2. CONFIGURATION MANAGEMENT (CM) AND DOCUMENTATION (FFP)**

The contractor shall implement and provide a managed and controlled environment to ensure the integrity of NOOS IT. The contractor should take a lead role in implementing CM for NOOS IT. This CM function should include tracking SRs, preparing priority recommendations and coordinating the recommendations with the NDBC Information Systems Review Board (ISRB), Configuration Control Board (CCB), and Government NOOS IT Manager.

	<ul style="list-style-type: none"> <li>a. Ensure that software development and IT operations/ management processes, when refined or newly established, are consistent with NDBC IT systems achieving Level II in the Capability Maturity Model or the Capability Maturity Model Integration (CMMI) Software Engineering model's equivalent.</li> <li>b. Serve as the lead role in the NDBC Information Systems Review Board (ISRB).</li> <li>c. Establish, document, and implement configuration management processes and procedures consistent with the NDBC Configuration Management Plan and accepted industry standards and best practices.</li> <li>d. Log, review and track all change proposals using the SR system or a replacement change tracking tool that has been approved by the government.</li> <li>e. Prepare and submit recommendations on the scheduling of SR completion and implementation for the task order period.</li> <li>f. Store all production software products in a CM repository, and provide support for the Configuration Management process. This process includes identifying all entities to be controlled and establishing levels of control each entity must pass through.</li> <li>g. Establish, document, and maintain hardware and software baselines for all components of the NOOS IT infrastructure.</li> <li>h. Store all documentation online in a repository accessible by the government IT staff.</li> <li>i. Create, maintain, update and distribute accurate and current versions of applicable documentation identified in NWSI 80-602 Appendix B.</li> </ul> <p><b>3. <u>IT SECURITY (FFP)</u></b></p> <p>Maintain a secure IT environment and perform security-related tasks in accordance with all applicable DOC, NOAA, NWS, NDBC IT security policies and guidance. NWS IT security requirements can be found on the NWS Directives</p>
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System, <http://www.nws.noaa.gov/directives/060/060.htm>. Additional NOAA guidance and policies, regulations, and laws can be found on the NOAA Office of the CIO/HPCC – IT Security Office web site at <https://www.csp.noaa.gov/>.

Perform all IT security activities required to acquire and maintain IT Security Certification and Accreditation.

Ensure that NDBC is able to obtain IT Certification and Accreditation (C&A) per the NWS/NOAA schedule. The resulting documentation and procedures must be auditable by external organizations to ensure full compliance. NDBC must obtain a favorable Authority to Operate decision by June 8, 2006.

Become knowledgeable on the following FIPS/NIST documentation in order to support the C&A process: FIPS 199, NIST SP 800-12, NIST SP 800-18, NIST SP 800-26, NIST SP 800-30, NIST SP 800-36, NIST SP 800-37, NIST SP 800-50, NIST SP 800-53, NIST SP 800-60, NIST SP 800-63, NIST SP 800-64.

Perform the following certification test activity in support of the C&A process: Vulnerability Scan, Penetration Test, Contingency Plan Test, Management, Operational, and Technical Controls Test.

#### **4. PRODUCTION SUPPORT AND SYSTEM OPERATIONS (FFP)**

Provide the support necessary to perform NOOS IT day-to-day business related to systems operations, IT Security, database integrity, external interfaces, web site updates and operations, and other support, as needed.

- a. Implement, operate and maintain the NDBC HW/SW platforms and systems supporting the NOOS.
- b. Perform research and analysis on problems and deficiencies with all production systems and take corrective actions as needed to resolve problems and restore data integrity.

- |  |   |
|--|---|
|  | <ul style="list-style-type: none"><li>c. Monitor all systems, hardware platforms, and telecommunications that support processing NOOS IT data on a 24 hour x 7 day basis to identify and resolve problems and data disruptions.</li><li>d. Analyze rejected data received through the system interfaces and develop recommendations for corrective action.</li><li>e. Perform monthly archiving of the observation data and make the archive files available on the web, FTP, and DODS/OpenDAPS servers.</li><li>f. Perform all system administration functions including daily, weekly, and monthly backups of all systems, data files and databases, and servers.</li><li>g. Maintain the backups in a secure location to facilitate restoration from the backups when needed to restore capability.</li><li>h. Support NDBC's data quality assurance activities by providing automated quality checks in real-time and data products to support quality checking and correcting processes of the data quality analysts.</li><li>i. Perform life cycle management of all IT equipment, hardware and software, supporting NDBC shore-side processing of observations.</li><li>j. Provide MODEM software and user documentation distribution support including duplication, packaging, and dissemination of the MODEM software and accompanying documentation.</li><li>k. Prepare periodic and "as requested" VOS data and program performance reports.</li><li>l. Coordinate requirements with the NDBC VOS Program Leads to update database field requirements and report designs to include, but not limited to, the WMO Pub 47 data fields.</li></ul> |
|--|---|

- m. Maintain and report transaction volume statistics on a daily, weekly, monthly, and annual basis for incoming and disseminated observations and transactions from and to all input and output sources and all user traffic and web activity.
- n. Maintain history of real-time station performance statistics and support DQA creation of all station performance and statistical reports required for mandated reporting to NWS by providing the real-time statistics input in a timely manner.
- o. Document and maintain operations plans, procedures, schedules, and reports.
- p. Inform the NDBC IT government lead, the Data Acquisition Center government lead, and NDBC management team and the impacted contract support personnel five days in advance of scheduled IT outages or within thirty minutes when unexpected outages have occurred.
- q. After IT outages, after the NOOS IT has resumed normal processing, notify the personnel notified of outage that processing has been restored and ensure that all outstanding observation data is processed promptly.

##### 5. DESKTOP AND OFFICE AUTOMATION SUPPORT (FFP)

The Contractor shall perform technical, administrative and training services. Specifically, the Contractor shall:

- a. Perform test and evaluation of software, computer equipment and telecommunications equipment to determine suitability for use on Networks operated or used by NDBC.
- b. Perform acceptance testing of newly received equipment and software and provide updated IT architecture drawing and configuration documentation.
- c. Install, configure, maintain and troubleshoot end user workstation components including LAN, WAN access, hardware and software.
- d. Conduct local and remote training on supported and utilized products as directed by SR.

- e. Maintain current versions of NOAA, NWS, and NDBC identified virus software.
- f. Perform feasibility and risk analysis / evaluation of PC-based hardware and software and provide technical guidance.
- g. Prepare and implement workstation system configuration standards and documentation, and perform quality assurance on supported workstations.
- h. Provide Administration of Operating Systems (OS) Passwords for all platforms requiring such, as directed.
- i. Support desktop configurations used by the NDBC and NTSC staff. Support will include system configuration, trouble shooting, software and hardware installations, repairs, software and hardware upgrades, and technical guidance to end user.
- j. Support NDBC business processes by providing support for desktop and laptop systems, office automation tools, file repositories, and connectivity between the internal and external NDBC workgroups to facilitate communications between workgroups and to support all business activities performed by the workgroups.
- k. Provide logistics and warehousing support for IT equipment and supplies as required for this task order.

**6. CUSTOMER SUPPORT CENTER (HELP DESK) (FFP)**

The Contractor shall provide a centralized customer support center. The Customer Support Center will serve as point of contact for internal and external user problem resolution, information, and service requests for this task order.

- a. Provide a centralized Help Desk Call-in/Research facility to ensure that technical assistance is available Monday through Friday, 7:00 a.m. to 6:00 p.m, Central Time.
- b. Training on new systems and capabilities.
- c. Provide expertise in resolving trouble reports entered by the Help Desk into a Trouble Ticket (TT) system.

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|  | <ul style="list-style-type: none"><li>d. The NDBC help desk shall receive calls from VOS program personnel (20-30 people) for help with VOS on-line services and communications problems. The VOS Program Lead shall provide the contractor with procedures for handling calls about VOS communication problems.</li><li>e. Collect data pertinent to customer problems and requests and serve as the point of contact for user problem resolution, information, and service requests.</li><li>f. Assist in the development, implementation and maintenance of automated Help Desk procedures to improve the overall help desk support.</li><li>g. Provide technical support and user assistance for the standard office automation (OA) software of a word processor, spreadsheet, and a presentation program, e-mail, calendar, and document management for users across the enterprise.</li><li>h. Provide technical support for administrative applications such as project management and Travel Manager; business and financial systems such as Data Buoy Financial Management System (DBFMS), Financial Analysis and Commitments Tracking System (FACTS), Commerce Administrative Management System (CAMS), Commerce Standard Acquisition and Reporting System (CSTARS), Time and Attendance (T&amp;A), National Aeronautics and Space Administration's (NASA's) Stennis Work Request (SWR) system, etc.; and the web browser applications and dial-up communications software for accessing such systems remotely.</li><li>i. Provide weekly statistical reports on customer calls and problem resolutions.</li><li>j. Maintain a historical database of customer calls which includes information describing the customer, the problem reported, and the resolution.</li></ul> |
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**7. SOFTWARE DEVELOPMENT AND MAINTENANCE (CPFF).**

Software development and maintenance activities shall ensure the integrity of observation data and provide reliable, timely products and services which meet or exceed the NDBC customers requirements. The required tasks shall be performed in accordance with the following directives and subdirectives.

- NDS 80-3 Systems Engineering -  
<http://www.nws.noaa.gov/directives/080/pd08003a.pdf>
  - NDS 80-303 Systems Engineering for New Development-  
<http://www.nws.noaa.gov/directives/080/pd08003003a.pdf>
  - NDS 80-304 Software Development -  
<http://www.nws.noaa.gov/directives/080/pd08003004a.pdf>
  - NDS 80-305 Test and Evaluation -  
<http://www.nws.noaa.gov/directives/080/pd08003005a.pdf>
- a. Provide analysis, design, software development, documentation, testing, and deployment of modifications and new development necessary to support the following:
- i. System integration of new NOOS IT capabilities and data such as, but not limited to, new measurement types, sources of data, data dissemination channels, and new technologies.
  - ii. Technology refreshments of deployed observing network components that effect changes in the message format, content, transmission format or transmission frequency of the observations input into the real-time processing.
  - iii. System Integration of other enhancements or new features added to existing NOOS IT functionality.
  - iv. Deficiency corrections.

	<ul style="list-style-type: none"> <li>b. Provide problem identification and resolution, requirements collection, system analysis, database and process design, software development, testing, implementation, and supporting documentation for all NOOS IT software.</li> <li>c. Support the maintenance, modification, and development of software systems as defined by approved Support Requests (SRs).</li> <li>d. Perform program, unit, system and regression testing to ensure the integrity of NOOS IT infrastructure software components.</li> <li>e. Perform quality assurance tasks associated with high quality NOOS IT products and deliverables including verification and validation testing prior to implementation of delivered software in accordance with NDS 80-305 Test and Evaluation.</li> <li>f. Software change requests will be provided by written work requests via the automated SR system and may be submitted by both NDBC and NTSC staff. All tasking must be approved and prioritized by the appropriate authority in accordance with NDBC Instruction 104.00 MON Information Systems Change Control.</li> <li>g. Recommend and present technical issues to the ISRB/CCB for concurrence and prioritization, as required.</li> <li>h. Perform system integration tasks for transition of new capabilities and features into the NOOS IT with minimal negative impact on all users.</li> <li>i. Coordinate with NDBC government Information Systems Configuration Manager and the government IT Security manager on the installation of new applications, IT hardware and COTS:</li> </ul>
<p>Assumptions/ Constraints (Security, Safety, Accessibility, etc...)</p>	<p>Compliance with applicable OMB, DOC, NOAA, NWS, NDBC IT policies, architectures, standards, guidance and procedures is mandatory.</p> <p>Ensure all systems are in compliance with DOC Web policies and best practices per the guidance available at <a href="http://www.osec.doc.gov/webresources">http://www.osec.doc.gov/webresources</a> .</p> <p>The Security Plan for the NOOS will be developed in accordance with NWS, NOAA and DOC provided processes which have been based on the NIST SP 800-18 "Guide for Developing Security Plans for Information Technology Systems."</p>

	<p>NWS will continue to provide security tools such as the previously provided TS2000, and Harris Scanning tools.</p> <p>All NTSC are required to annually complete the NOAA Security Awareness Training Program.</p>
Deliverables:	<ul style="list-style-type: none"> <li>a. An Approach and Management Plan for NOOS IT and OA services. If the existing software and hardware infrastructure is not to be used in the proposed plan, a transition plan is required that addresses the transition activities required to eliminate negative impact on NDBC IT support capabilities, product delivery, and internal and external customers.</li> <li>b. Implementation Plan (IP). <ul style="list-style-type: none"> <li>1) Work Breakdown Structure (WBS).</li> <li>2) Performance Specifications and metrics.</li> <li>3) Cost, Schedule and Performance Metrics.</li> </ul> </li> <li>c. Task Order Cost Proposal.</li> <li>d. Weekly status reports identifying progress, problem areas and status due by COB Friday delivered via email.</li> <li>e. Bi-Weekly performance reports delivered four days following the end of a period which summarize both the actual and budgeted cost, schedule, and performance information from an earned value management system and present the results of the earned value analysis.</li> <li>f. Plans of Action and Milestones (POA&amp;Ms) for all IT tasks (deliverables and SRs) to be worked in the quarter under this task order. POA&amp;M due 7 business days after the start of the quarter. Updates to the POA&amp;M will be delivered by the fourth Tuesday of each month.</li> <li>g. Initial planning estimates, revised planning estimates, fiscal year project projections, and IT HW/SW requirement identification will be provided with 5 business days of the request..</li> <li>h. Responses to data calls will be delivered by the time needed to meet the deadline set by headquarters.</li> </ul>

	<ul style="list-style-type: none"><li>i. Monthly statistical reports for the previous month, broken out by system, on Help Desk calls received, problems resolved, problems outstanding, types of problems reported and requests handled will be delivered 7 business days after the start of the month..</li><li>j. Periodic and "as requested" VOS data and performance reports.</li><li>k. IT Architecture Plan Updates and Contingency/Disaster Plan updates will be delivered quarterly by COB on the last day of the quarter.</li><li>l. Provides recommendations on the scheduling of SR completion and implementation for the task order period at the ISRB which reviews and records the SR.</li><li>m. Software releases that include completed SR's. Each completed development package will include a copy of all requirement, system, and end user document, the test report(s) and the related test results.</li><li>n. Updates to all relevant life cycle documentation to coincide with software releases.</li><li>o. IT Security deliverables as mandated by DOC, NOAA, and NWS including the following:<ul style="list-style-type: none"><li>1) Harris scan reports, quarterly</li><li>2) Updates to TS2000 (or its successor), quarterly</li><li>3) Orientation Plans for New Users, updates as needed</li><li>4) Virus Alert and Infection Plans, quarterly review and update as needed</li><li>5) Updates to the NDBC Computer Security Management Plan</li></ul></li></ul>
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	<ul style="list-style-type: none"><li>6) Risk Assessment Due 1/13/05</li><li>Contingency Plan Due 3/10/05</li><li>System Security Plan Due 3/10/05</li><li>Contingency Plan Test Results Due 4/7/05</li><li>Certification Test Results Due 4/7/05</li></ul>
	<ul style="list-style-type: none"><li>p. Operational Maintenance Plan and Schedule, at the 1<sup>st</sup> of the month.</li><li>q. NDBC IT CM Hardware and Software Baselines and updates for each baseline at the last day of the Quarter.</li><li>r. Updated Operations Procedures, as required.</li><li>s. Notification of planned system outages five days prior to the outage and notifications of restored normal system operations within 1 hour of outage completion .</li><li>t. Notification of unplanned system outages within thirty minutes of the unplanned outage occurrence and notifications of restored normal system operations within 1 hour of outage completion .</li><li>u. Prepare and publish Mariners Weather Log Issues according to the following schedules:<ul style="list-style-type: none"><li>1) April 2006 WEBAZINE Schedule:<ul style="list-style-type: none"><li>i. Develop electronic text and image files (03/17/06)</li><li>ii. Prepare WEBAZINE pages for Web (03/23/06)</li><li>iii. Deliver to NDBC for review (04/10/06)</li><li>iv. Post to web site (04/14/06)</li></ul></li><li>2) August 2006 WEBAZINE Schedule:<ul style="list-style-type: none"><li>i. Develop electronic text and image files (07/20/06)</li><li>ii. Prepare WEBAZINE pages for Web (07/24/06)</li><li>iii. Deliver to NDBC for review (08/10/06)</li><li>iv. Post to web site (08/15/06)</li></ul></li></ul></li></ul>

GFE/GFI:	GFE/GFI is available to support this effort. The Government requests your technical proposal state whether you intend to utilize the available GFE/GFI. Your cost proposal shall reference whether you will use GFE/GFI and the cost impact of that decision.
Program Objectives/ Possible Performance Measures:	<p>The Government requires this task order have performance-based measures that align with the Statement of Objectives and Program Goals contained in this solicitation. The contractor is required to provide a list of proposed measures for this task order with goals for level of service and the outcomes for achieving/not achieving those goals.</p> <p>At a minimum, the performance evaluation of tasks performed under this task order will be rated based on the following:</p> <ol style="list-style-type: none"> <li>1. Compliance with applicable DOC/NOAA/NWS/NDBC IT policies, architectures, standards, guidance and procedures.</li> <li>2. Delivery of comprehensiveness and reasonable Plan of Actions and Milestones (POA&amp;Ms) developed for tasks to be completed under this task order.</li> <li>3. The timeliness, completeness and accuracy of weekly status reports.</li> <li>4. Ensure that information provided by the NDBC website is current (no more than one month out of date for historical data and no more than one hour old for real-time data).</li> <li>5. The timeliness, completeness and accuracy of Monthly IPRs.</li> <li>6. The timeliness, completeness, consistency, and accuracy of the content of all reports and other written deliverables.</li> <li>7. Software meets or exceeds functionality requirements and is implemented within the agreed upon cost and schedule.</li> <li>8. Availability and accessibility of systems and databases.</li> <li>9. Accuracy, completeness, consistency and timely creation and updating of documentation.</li> </ol>
Inspection/Acceptance:	Final inspection and acceptance of all work performed, reports generated, and other deliverables will be conducted by the COTR or other designee.
Travel:	Travel is required to support this task order. The contractor shall provide cost estimates for all travel in the cost proposal and the travel expenses must comply with the Federal Travel Regulations.

Proposal Submittals:	<ol style="list-style-type: none"><li>1. An Approach and Management Plan for NOOS IT and OA services.</li><li>2. Implementation Plan (IP)<ol style="list-style-type: none"><li>a. Work Breakdown Structure (WBS)</li><li>b. Performance Specifications and metrics</li><li>c. Cost, Schedule and Performance Metrics</li></ol></li><li>3. Task Order Cost Proposal</li></ol>
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**SAIC TASK MANAGEMENT PLAN**

**TASK ORDER 05-TOS-05:** NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED

**PERIOD OF PERFORMANCE:** Base: January 1, 2006 – March 31, 2006  
Option 1: April 1, 2006 – June 30, 2006

**TO TYPE:** FFP

**1.0 SCOPE, STATEMENT OF WORK AND TECHNICAL/MANAGEMENT APPROACH:**

**1.1 *General Scope:***

To support the continuous development, maintenance, system administration, and operations of all shore-side IT components. These multiple components each consist of a varied mix of hardware, software applications, telecommunications, and commercial products directly supporting the collection, processing, quality control, and dissemination of observation data.

- a. To support existing NOOS IT systems effectively and efficiently.
- b. To integrate current projects efficiently and effectively into the NOOS IT.
- c. To recommend/plan NOOS IT infrastructure enhancements
- d. To ensure all required internal and external data interfaces are monitored, supported and maintained in real-time.
- e. To effectively and efficiently operate and maintain the NDBC Office Automation and Help Desk:

The NDBC Office Automation and Help Desk supports:

- a. Approximately 1,700 Help Desk calls (annually)
- b. Approximately 225 seats
- c. Approximately 165 E-Mail/Calendar users



**1.2 *Statement of Work:***

Specific tasks to be performed for this task order are identified in the following sections. All IT tasks performed shall be in compliance with Office of Management

**SAIC TASK MANAGEMENT PLAN****TASK ORDER 05-TOS-05: NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED**

and Budget (OMB), Department of Commerce (DOC), NOAA, NWS, and NDBC IT guidance, regulations, policies and laws. Applicable IT policies and guidance can be found at the following web sites.

- NWS CIO Policy – <http://www.weather.gov/cio/policy/policy.htm>
- NWS Directives - <http://www.nws.noaa.gov/directives/>
- NOAA Policy and Guidance - <https://www.csp.noaa.gov/policies/index.html>
- DOC Policy and Guidance – <http://www.osec.doc.gov>
- DOC IT Management Handbook (revision in work as of May 2005) – <http://www.osec.doc.gov/cio/ITSIT/DOC-IT-Secruity-Program-Policy.htm>
- OMB Circulars – <http://www.whitehouse.gov/omb/circulars/>

**1.2.1 IT\_Project Planning and Management**

Provide project management and general business operations support for this task order per the guidance of NWS Directive NDS 80-6 Research and Analysis for Improving Operations and Services and subdirective NDS 80-602 Operational Development Project Plan. Specific tasks include:

- a. Deliver reliable IT products and services within agreed upon cost estimates and schedules.
- b. Perform short- and long-term NOOS IT planning to ensure that the government's IT support capabilities meet the near and long-term shore-side processing requirements in a timely, effective, and cost efficient manner.
- c. Develop and maintain Plan of Action and Milestones (POA&Ms) for on-going maintenance and support activities. The POA&Ms will address applicable milestones and deliverables related to Support Requests (SRs) and task order deliverables.
- d. Prepare and present briefings, presentations, progress reviews, design reviews and demonstrations as required by the government. Daily (weekday) IT status briefs will be given at 8:00 am on normal workdays during the Operations Status brief.
- e. Monitor IT project execution, identify deviations from the project baseline, isolate causes of performance problems, and offer recommendations for risk mitigation.

**SAIC TASK MANAGEMENT PLAN**

**TASK ORDER 05-TOS-05: NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED**

- f. Provide planning estimates/proposals and impact statements for modifications to present systems and new projects. Estimates and proposals will be requested through SRs and new task orders. Planning estimates/proposals, when requested, shall include, at a minimum:
  - The identification of all major tasks required to develop and implement the task order.
  - Estimated cost required to complete each task.
  - Hardware specifications required to support implementation of the new project or system modification.
  - Plan Of Action & Milestones (POA&M).
- g. Provide weekly technical status report describing progress, problem areas and recommended resolutions.

**1.2.2. Configuration Management (CM) and Documentation**

The contractor shall implement and provide a managed and controlled environment to ensure the integrity of NOOS IT. The contractor should take a lead role in implementing CM for NOOS IT. This CM function should include tracking SRs, preparing priority recommendations and coordinating the recommendations with the NDBC Information Systems Review Board (ISRB), Configuration Control Board (CCB), and Government NOOS IT Manager.

- a. Ensure that software development and IT operations/ management processes, when refined or newly established, are consistent with NDBC IT systems achieving Level II in the Capability Maturity Model or the Capability Maturity Model Integration (CMMI) Software Engineering model's equivalent.
- b. Serve as the lead role in the NDBC Information Systems Review Board (ISRB).
- c. Establish, document, and implement configuration management processes and procedures consistent with the NDBC Configuration Management Plan and accepted industry standards and best practices.
- d. Log, review and track all change proposals using the SR system or a replacement change tracking tool that has been approved by the government.
- e. Prepare and submit recommendations on the scheduling of SR completion and implementation for the task order period.

**SAIC TASK MANAGEMENT PLAN****TASK ORDER 05-TOS-05: NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED**

- f. Store all production software products in a CM repository, and provide support for the Configuration Management process. This process includes identifying all entities to be controlled and establishing levels of control each entity must pass through.
- g. Establish, document, and maintain hardware and software baselines for all components of the NOOS IT infrastructure.
- h. Store all documentation online in a repository accessible by the government IT staff.
- i. Create, maintain, update and distribute accurate and current versions of applicable documentation identified in NWSI 80-602 Appendix B.

**1.2.3 IT Security**

Maintain a secure IT environment and perform security-related tasks in accordance with all applicable DOC, NOAA, NWS, NDBC IT security policies and guidance. NWS IT security requirements can be found on the NWS Directives System, <http://www.nws.noaa.gov/directives/060/060.htm>. Additional NOAA guidance and policies, regulations, and laws can be found on the NOAA Office of the CIO/HPCC – IT Security Office web site at <https://www.csp.noaa.gov/>.

- a. Perform all IT security activities required to acquire and maintain IT Security Certification and Accreditation.
- b. Ensure that NDBC is able to obtain IT Certification and Accreditation (C&A) per the NWS/NOAA schedule. The resulting documentation and procedures must be auditable by external organizations to ensure full compliance. NDBC must obtain a favorable Authority to Operate decision by June 8, 2006.
- c. Become knowledgeable on the following FIPS/NIST documentation in order to support the C&A process: FIPS 199, NIST SP 800-12, NIST SP 800-18, NIST SP 800-26, NIST SP 800-30, NIST SP 800-36, NIST SP 800-37, NIST SP 800-50, NIST SP 800-53, NIST SP 800-60, NIST SP 800-63, NIST SP 800-64.
- d. Perform the following certification test activity in support of the C&A process: Vulnerability Scan, Penetration Test, Contingency Plan Test, Management, Operational, and Technical Controls Test.

**1.2.4 Production Support and System Operations**

**SAIC TASK MANAGEMENT PLAN**

**TASK ORDER 05-TOS-05: NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED**

Provide the support necessary to perform NOOS IT day-to-day business related to systems operations, IT Security, database integrity, external interfaces, web site updates and operations, and other support, as needed.

- a. Implement, operate and maintain the NDBC HW/SW platforms and systems essential to supporting the NOOS.
- b. Perform research and analysis on problems and deficiencies with all production systems and take corrective actions as needed to resolve problems and restore data integrity.
- c. Monitor all systems, hardware platforms, and telecommunications that support processing NOOS IT data on a 24 hour x 7 day basis to identify and resolve problems and data disruptions.
- d. Analyze rejected data received through the system interfaces and develop recommendations for corrective action.
- e. Perform monthly archiving of the observation data and make the archive files available on the web, FTP, and DODS/OpenDAPS servers.
- f. Perform all system administration functions including daily, weekly, and monthly backups of all systems, data files and databases, and servers.
- g. Maintain the backups in a secure location to facilitate restoration from the backups when needed to restore capability.
- h. Support NDBC's data quality assurance activities by providing automated quality checks in real-time and data products to support quality checking and correcting processes of the data quality analysts.
- i. Perform life cycle management of all IT equipment, hardware and software, supporting NDBC shore-side processing of observations.
- j. Provide MODEM software and user documentation distribution support including duplication, packaging, and dissemination of the MODEM software and accompanying documentation.
- k. Prepare periodic and "as requested" VOS data and program performance reports.

**SAIC TASK MANAGEMENT PLAN**

**TASK ORDER 05-TOS-05: NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED**

- l. Coordinate requirements with the NDBC VOS Program Leads to update database field requirements and report designs to include, but not limited to, the WMO Pub 47 data fields.
- m. Maintain and report transaction volume statistics on a daily, weekly, monthly, and annual basis for incoming and disseminated observations and transactions from and to all input and output sources and all user traffic and web activity.
- n. Maintain history of real-time station performance statistics and support DQA creation of all station performance and statistical reports required for mandated reporting to NWS by providing the real-time statistics input in a timely manner.
- o. Document and maintain operations plans, procedures, schedules, and reports.
- p. Inform the NDBC IT government lead, the Data Acquisition Center government lead, and NDBC management team and the impacted contract support personnel five days in advance of scheduled IT outages or within thirty minutes when unexpected outages have occurred.
- q. After IT outages, after the NOOS IT has resumed normal processing, notify the personnel notified of outage that processing has been restored and ensure that all outstanding observation data is processed promptly.

**1.2.5 Desktop and Automation Support**

Perform technical, administrative and training services.

- a. Perform test and evaluation of software, computer equipment and telecommunications equipment to determine suitability for use on Networks operated or used by NDBC.
- b. Perform acceptance testing of newly received equipment and software and provide updated IT architecture drawing and configuration documentation.
- c. Install, configure, maintain and troubleshoot end user workstation components including LAN/WAN access, hardware and software.
- d. Conduct local and remote training on supported and utilized products as directed by SRs.

**SAIC TASK MANAGEMENT PLAN**

**TASK ORDER 05-TOS-05: NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED**

- e. Maintain current versions of NOAA, NWS, and NDBC identified virus software.
- f. Perform feasibility and risk analysis / evaluation of PC-based hardware and software and provide technical guidance.
- g. Prepare and implement workstation system configuration standards and documentation, and perform quality assurance on supported workstations.
- h. Provide Administration of Operating Systems (OS) passwords for all platforms requiring such, as directed.
- i. Support desktop configurations used by the NDBC and NTSC staff. Support will include system configuration, trouble shooting, software and hardware installations, repairs, software and hardware upgrades, and technical guidance to end user.
- j. Support NDBC business processes by providing support for desktop and laptop systems, office automation tools, file repositories, and connectivity between the internal and external NDBC workgroups to facilitate communications between workgroups and to support all business activities performed by the workgroups.
- k. Provide logistics and warehousing support for IT equipment and supplies as required for this task order.

**1.2.6 Customer Support Center (Help Desk)**

Provide a centralized customer support center. The Customer Support Center will serve as point of contact for internal and external user problem resolution, information, and service requests for this task order.

- a. Provide a centralized Help Desk Call-in/Research facility to ensure that technical assistance is available Monday through Friday, 7:00 a.m. to 6:00 p.m. Central Time.
- b. Provide training on new systems and capabilities.
- c. Provide expertise in resolving trouble reports entered by the Help Desk into a Trouble Ticket (TT) system.
- d. The NDBC help desk shall receive calls from VOS program personnel (20-30 people) for help with VOS on-line services and communications problems.

**SAIC TASK MANAGEMENT PLAN**

**TASK ORDER 05-TOS-05: NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED**

- e. Collect data pertinent to customer problems and requests and serve as the point of contact for user problem resolution, information, and service requests.
- f. Assist in the development, implementation and maintenance of automated Help Desk procedures to improve the overall help desk support.
- g. Provide technical support and user assistance for the standard office automation (OA) software of a word processor, spreadsheet, and a presentation program, e-mail, calendar, and document management for users across the enterprise.
- h. Provide technical support for administrative applications such as project management and Travel Manager; business and financial systems such as Data Buoy Financial Management System (DBFMS), Financial Analysis and Commitments Tracking System (FACTS), Commerce Administrative Management System (CAMS), Commerce Standard Acquisition and Reporting System (CSTARS), Time and Attendance (T&A), National Aeronautics and Space Administration's (NASA's) Stennis Work Request (SWR) system, etc.; and the web browser applications and dial-up communications software for accessing such systems remotely.
- i. Provide weekly statistical reports on customer calls and problem resolutions.
- j. Maintain a historical database of customer calls which includes information describing the customer, the problem reported, and the resolution.

**1.2.7 Software Development and Maintenance**

Software development and maintenance activities shall ensure the integrity of observation data and provide reliable, timely products and services which meet or exceed the NDBC customer's requirements. The required tasks shall be performed in accordance with the following directives and subdirectives.

- NDS 80-3 Systems Engineering -  
<http://www.nws.noaa.gov/directives/080/pd08003a.pdf>
- NDS 80-303 Systems Engineering for New Development-  
<http://www.nws.noaa.gov/directives/080/pd08003003a.pdf>
- NDS 80-304 Software Development -  
<http://www.nws.noaa.gov/directives/080/pd08003004a.pdf>

**SAIC TASK MANAGEMENT PLAN**

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- NDS 80-305 Test and Evaluation -  
<http://www.nws.noaa.gov/directives/080/pd08003005a.pdf>
- a. Provide analysis, design, software development, documentation, testing, and deployment of modifications and new development necessary to support the following:
  - System integration of new NOOS IT capabilities and data such as, but not limited to, new measurement types, sources of data, data dissemination channels, and new technologies.
  - Technology refreshments of deployed observing network components that effect changes in the message format, content, transmission format or transmission frequency of the observations input into the real-time processing.
  - System Integration of other enhancements or new features added to existing NOOS IT functionality.
  - Deficiency corrections.
- b. Provide problem identification and resolution, requirements collection, system analysis, database and process design, software development, testing, implementation, and supporting documentation for all NOOS IT software.
- c. Support the maintenance, modification, and development of software systems as defined by approved Support Requests (SRs).
- d. Perform program, unit, system and regression testing to ensure the integrity of NOOS IT infrastructure software components.
- e. Perform quality assurance tasks associated with high quality NOOS IT products and deliverables including verification and validation testing prior to implementation of delivered software in accordance with NDS 80-305 Test and Evaluation.
- f. Software change requests will be provided by written work requests via the automated SR system and may be submitted by both NDBC and NTSC staff. All tasking must be approved and prioritized by the appropriate authority in accordance with NDBC Instruction 104.00 MON Information Systems Change Control.

**SAIC TASK MANAGEMENT PLAN**

**TASK ORDER 05-TOS-05: NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED**

- g. Recommend and present technical issues to the ISRB/CCB for concurrence and prioritization, as required.
- h. Perform system integration tasks for transition of new capabilities and features into the NOOS IT with minimal negative impact on all users.
- i. Coordinate with NDBC government Information Systems Configuration Manager and the government IT Security manager on the installation of new applications, IT hardware and COTS.

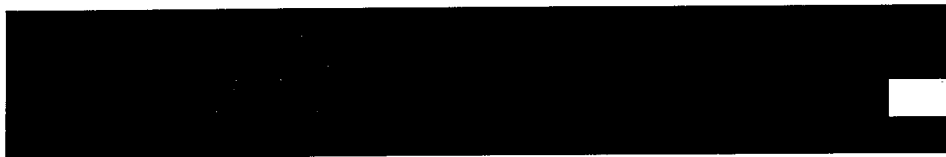
**1.3 Management Approach:**



**1.4 WBS layout (See attached .mpp file)**

**2.0 ASSUMPTIONS and/or DEVIATIONS:**

**2.1 Assumptions:**



**SAIC TASK MANAGEMENT PLAN**

**TASK ORDER 05-TOS-05:** NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

- i. Compliance with applicable OMB, DOC, NOAA, NWS, NDBC IT policies, architectures, standards, guidance and procedures is mandatory.
- j. Ensure all systems are in compliance with DOC Web policies and best practices per the guidance available at <http://www.osec.doc.gov/webresources>.
- k. The Security Plan for the NOOS will be developed in accordance with NWS, NOAA and DOC provided processes which have been based on the NIST SP 800-18 "Guide for Developing Security Plans for Information Technology Systems."
- l. NWS will continue to provide security tools such as the previously provided TS2000, and Harris Scanning tools.

**SAIC TASK MANAGEMENT PLAN**

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- m. All NTSC are required to annually complete the NOAA Security Awareness Training Program.



**2.2 Deviations:**

**3.0 SCHEDULE:**

**3.1 Program Performance Schedule:** See Attached (.mpp file)

**3.2 Delivery Schedule:**

Deliverables/Submittals	Due Date
Weekly status reports identifying progress, problem areas and status	COB Friday delivered via email.
Bi-Weekly performance reports delivered four days following the end of a period which summarize both the actual and budgeted cost, schedule, and performance information from an earned value management system and present the results of the earned value analysis.	Reports starting 2 weeks after SAIC acceptance of task order to coincide with bi-weekly reporting periods
Plans of Action and Milestones (POA&Ms) for all IT tasks (deliverables and SRs) to be worked in the quarter under this task order.	Initial 7 business days after start of each quarter then by the fourth Tuesday of each month.
Initial planning estimates, revised planning estimates, fiscal year project projections, and IT HW/SW requirement identification	Within 5 business days of the request
Responses to data calls	As required
Monthly statistical reports for the previous month, broken out by system, on Help Desk calls received, problems resolved, problems outstanding, types of problems reported and requests handled.	7 Business days after the start of each month
Monthly e-mail usage report that identifies mail storage (in megabits) per user.	5 business days after the start of each month.
Periodic and "as requested" VOS data and performance reports.	As required

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<b>Deliverables/Submittals</b>	<b>Due Date</b>
IT Architecture Plan Updates and Contingency/Disaster Plan updates	Quarterly by COB on the last day of the quarter.
Recommendations on the scheduling of SR completion and implementation	Weekly at ISRB meetings
Software releases that include completed SR's. Each completed development package will include a copy of all requirement, system, and end user documentation, the test report(s) and the related test results.	As Required
Updates to all relevant life cycle documentation to coincide with software releases.	As required
IT Security deliverables as mandated by DOC, NOAA, and NWS including the following: 1) Harris scan reports, quarterly	15 Mar 06 15 Jun 06
2) Updates to TS2000 (or its successor), quarterly	NLT the end of each quarter
3) Orientation Plans for New Users, updates as needed	As required
4) Virus Alert and Infection Plans, quarterly review and update as needed	NLT the end of each quarter
5) Updates to the NDBC Computer Security Management Plan	NLT the end of each quarter
Risk Assessment	1/13/06
Contingency Plan	3/10/06
System Security Plan	3/10/06
Contingency Plan Test Results	4/7/06
Certification Test Results	4/7/06
Operational Maintenance Plan and Schedule	1 <sup>st</sup> business day of the month
NDBC IT CM Hardware and Software Baselines	last day of the Quarter
Updated Operations Procedures	as required
Notification of planned system outages	five days prior to the outage (when appropriate notification has been provided)
Notifications of restored normal system operations	within 1 hour of outage completion
Notification of unplanned system outages	within thirty minutes of the unplanned outage occurrence
Notifications of restored normal system	within 1 hour of outage completion

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Deliverables/Submittals	Due Date
operations	
Prepare and publish Mariners Weather Log Issues	April 2006 WEBAZINE Schedule: 1. Develop electronic text and image files (03/17/06) 2. Prepare WEBAZINE pages for Web (03/23/06) 3. Deliver to NDBC for review (04/10/06) 4. Post to web site (04/14/06)

**4.0 DELIVERABLES:**

Deliverables/Submittals	Acceptance Criteria
Weekly status reports identifying progress, problem areas and status	Upon submission
Bi-Weekly performance reports delivered four days following the end of a period which summarize both the actual and budgeted cost, schedule, and performance information from an earned value management system and present the results of the earned value analysis.	Upon submission
Plans of Action and Milestones (POA&Ms) for all IT tasks (deliverables and SRs) to be worked in the quarter under this task order.	Upon submission
Initial planning estimates, revised planning estimates, fiscal year project projections, and IT HW/SW requirement identification	Upon submission
Responses to data calls	Upon submission
Monthly statistical reports for the previous month, broken out by system, on Help Desk calls received, problems resolved, problems outstanding, types of problems reported and requests handled.	Upon submission
Monthly e-mail usage report that identifies mail storage (in megabits) per user.	Upon submission
Periodic and "as requested" VOS data and performance reports.	Upon submission
IT Architecture Plan Updates and Contingency/Disaster Plan updates	Upon submission (one NDBC review)
Recommendations on the scheduling of SR	Upon submission

**SAIC TASK MANAGEMENT PLAN**

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<b>Deliverables/Submittals</b>	<b>Acceptance Criteria</b>
completion and implementation	
Software releases that include completed SR's. Each completed development package will include a copy of all requirement, system, and end user documentation, the test report(s) and the related test results.	Upon submission
Updates to all relevant life cycle documentation to coincide with software releases.	Upon submission (one NDBC review)
IT Security deliverables as mandated by DOC, NOAA, and NWS including the following: 6) Harris scan reports, quarterly	Upon submission
7) Updates to TS2000 (or its successor), quarterly	Upon submission (one NDBC review)
8) Orientation Plans for New Users, updates as needed	Upon submission
9) Virus Alert and Infection Plans, quarterly review and update as needed	Upon submission (one NDBC review)
10) Updates to the NDBC Computer Security Management Plan	Upon submission (one NDBC review)
Risk Assessment	Upon submission (one NDBC review)
Contingency Plan	Upon submission (one NDBC review)
System Security Plan	Upon submission (one NDBC review)
Contingency Plan Test Results	Upon submission
Certification Test Results	Upon submission
Operational Maintenance Plan and Schedule	Upon submission
NDBC IT CM Hardware and Software Baselines	Upon submission
Updated Operations Procedures	Upon submission
Notification of planned system outages	Upon submission
Notifications of restored normal system operations	Upon submission
Notification of unplanned system outages	Upon submission
Notifications of restored normal system operations	Upon submission
Prepare and publish Mariners Weather Log	Upon submission (one NDBC review)

**TASK ORDER 05-TOS-05: NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED**

[illegible]

**SAIC TASK MANAGEMENT PLAN**

**TASK ORDER 05-TOS-05:** NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

**6.0 KEY PERSONNEL:** The following personnel are considered key for this TO:

[REDACTED]

**7.0 COST PROPOSAL:** See Attached

**8.0 PAYMENT TERMS:** Invoices shall be submitted upon completion of each SAIC accounting period. Payment shall be made within 30 days.

**SAIC TASK MANAGEMENT PLAN**

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**Appendix A****NTSC IT Survey**

Survey Period: From: \_\_\_\_\_ To: \_\_\_\_\_

*Instructions: We would like to know how you feel about NTSC IT services and support. Please take a few minutes to answer the following questions about the performance of the NTSC IT Support Group. Your feedback and suggestions are important in helping us rate the services performed. Please use the following key to answer the survey questions:*

- 1 = Unsatisfactory performance (submitter must provide a comment as to why the question is unsatisfactory)
- 2 = Significantly below expectations
- 3 = Below expectations
- 4 = Meets expectations
- 5 = Exceeds expectations
- 6 = Outstanding
- NA = Not applicable

Name: \_\_\_\_\_ (optional) Date: \_\_\_\_\_

Question	1	2	3	4	5	6	NA	Comments
<b>1. Responsiveness and Timeliness</b>  Are IT services and products delivered within scheduled commitments?								
<b>2. Availability and Reliability of Services and Systems</b>  Are the services and or systems available when you need them?								
<b>3. Software Development</b>  Does software development meet requirements and quality goals?								
<b>4. Communications</b>  Are communications (both written and oral) clear, concise,								

**SAIC TASK MANAGEMENT PLAN**

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timely and effective?								
<b>5. Demonstrated Knowledge of IT</b>  How well does the NTSC staff reflect an understanding of your needs, your processes and the functionality of the systems they support?								
<b>6. Documentation</b>  Rate the accuracy and adequacy of the documentation (system specifications, user documents, training material, reports, etc.). Please indicate the documents evaluated in the comments area.								
<b>7. Helpdesk</b>  Please rate the Helpdesk personnel responsiveness in providing solutions to questions and resolution of problems.								
<b>8. Professionalism</b>  Please rate NTSC professionalism in providing the services you expect from them.								
<b>9. Staff Qualifications</b>  Are NTSC staff qualified to perform their respective IT tasks?								
<b>10. Project Management</b>  How well are projects planned, executed and delivered?								
<b>11. Management</b>  Please rate the effectiveness of the IT managerial staff in responsiveness, resolution of issues and prioritization of tasks.								
<b>12. Overall Quality of IT Services, Products and Systems</b>								

**SAIC TASK MANAGEMENT PLAN**

**TASK ORDER 05-TOS-05:** NDBC Ocean Observing System (NOOS) Information Technology (IT) and NDBC Office Automation (OA)-MOD 4-REVISED

Please rate the overall quality of the services, systems and products delivered.									
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ID	Task Name	Duration	Work	Start												
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Task

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Milestone

Rolled Up Progress

Split

External Tasks

Project Summary

Group By Summary

Deadline

Project: \\B1100-fs02\Common\WB5\F

Date: Tue 12/27/05

ID	Task Name	Duration	Work	Start	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
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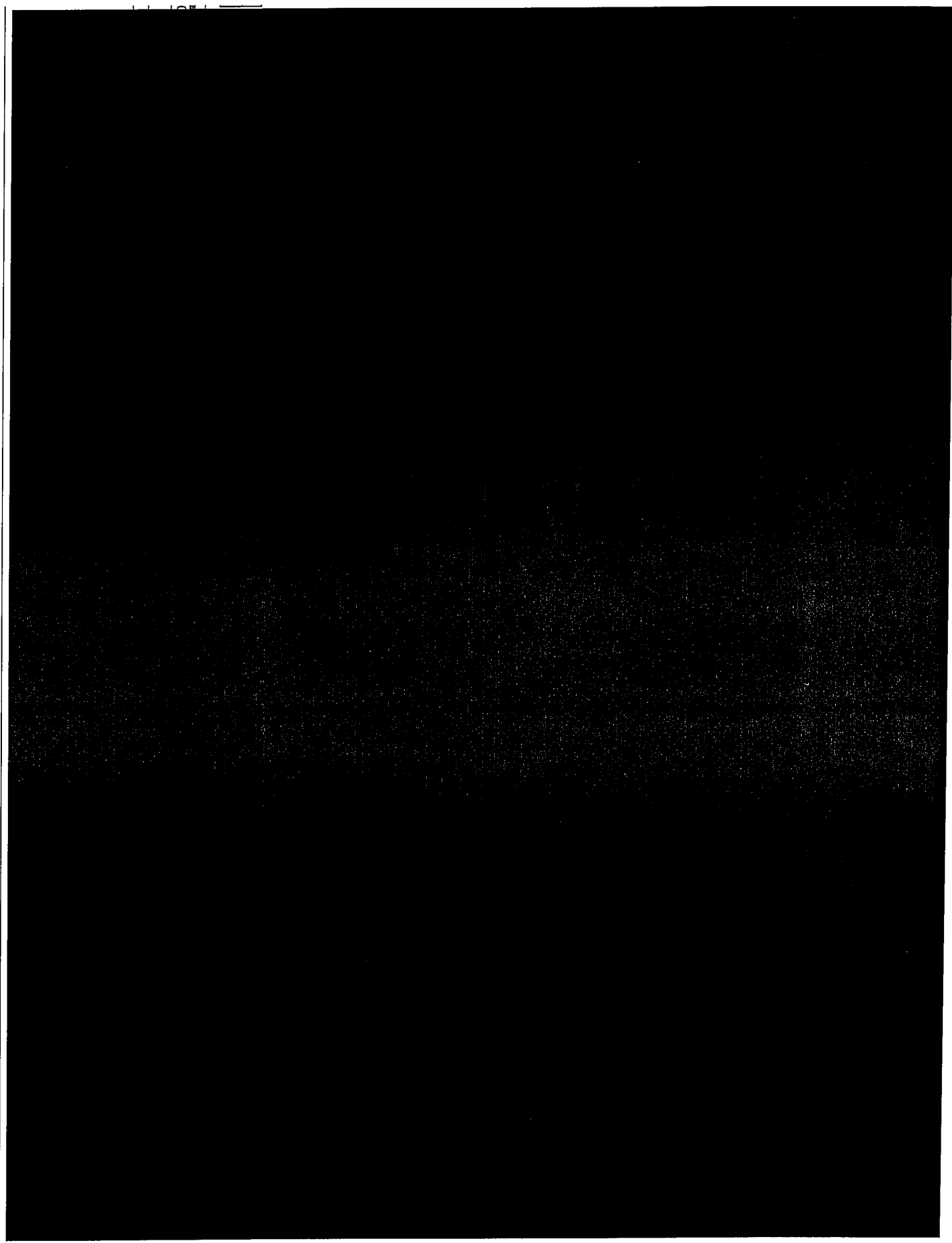
Project: \\B1100-fs02\Common\WBS\if  
Date: Tue 12/27/05

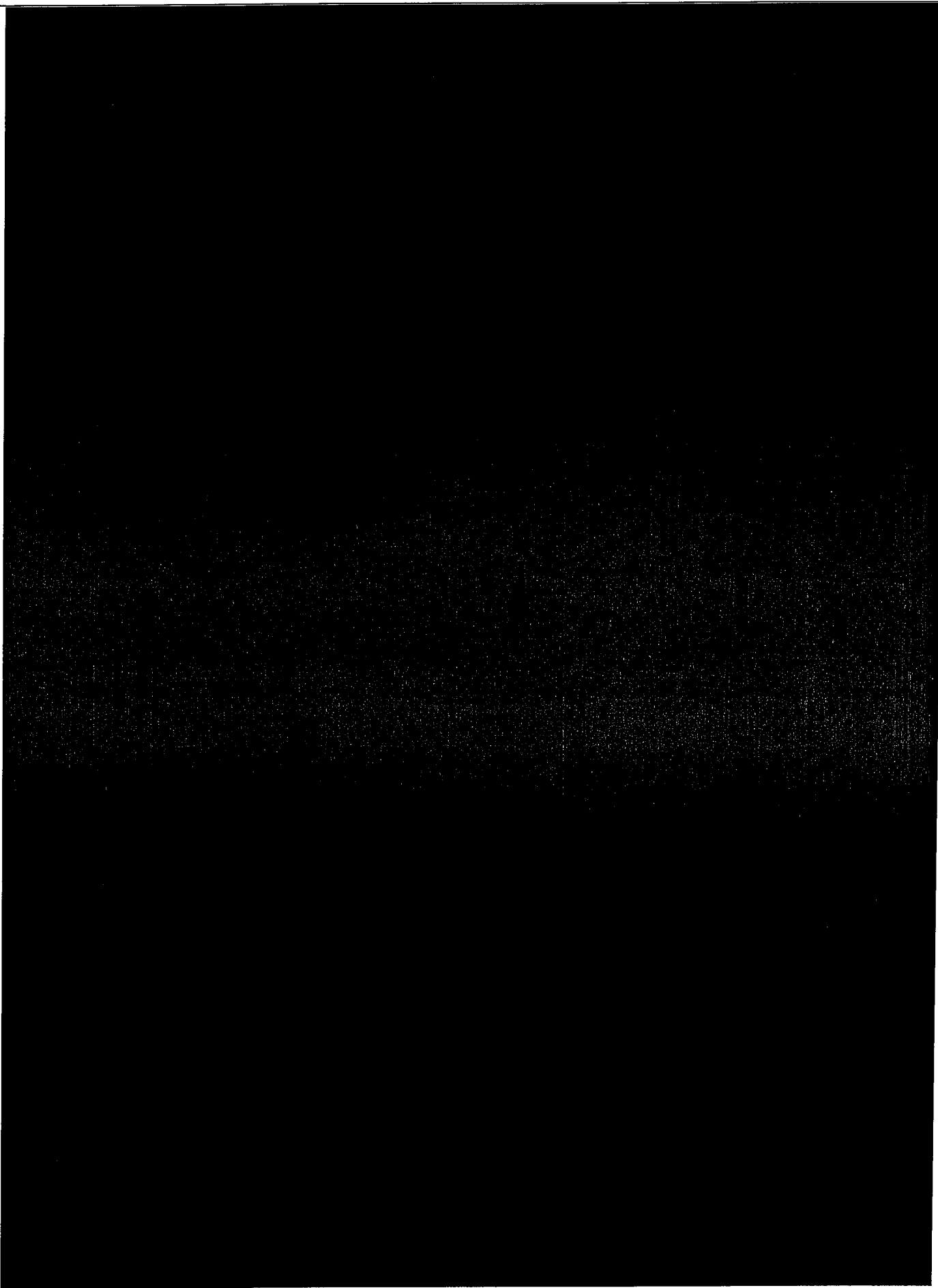
Task Progress Milestone Summary

Rolled Up Task Rolled Up Milestone Rolled Up Progress Split

External Tasks Project Summary Group By Summary Deadline

Page 2





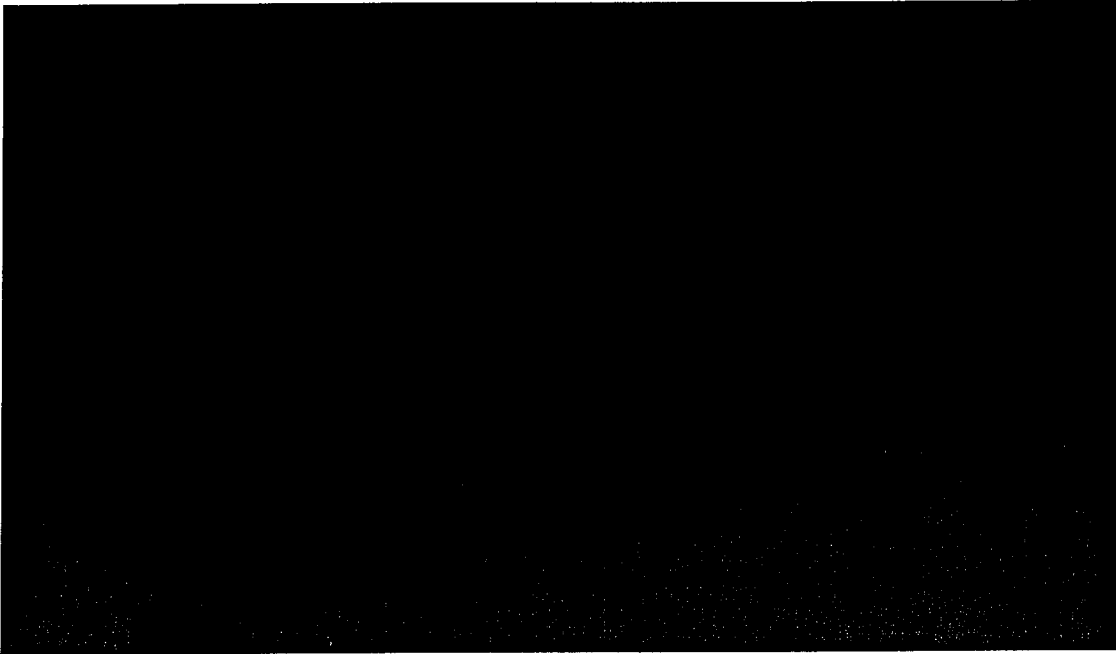
**TASK ORDER #5**

**Marine Observation Network Information Technology and NDBC Office Automation Task**

**POP: 07/01/05-12/31/05**

**CLIN1-FFP**

**DIRECT LABOR HOURS**



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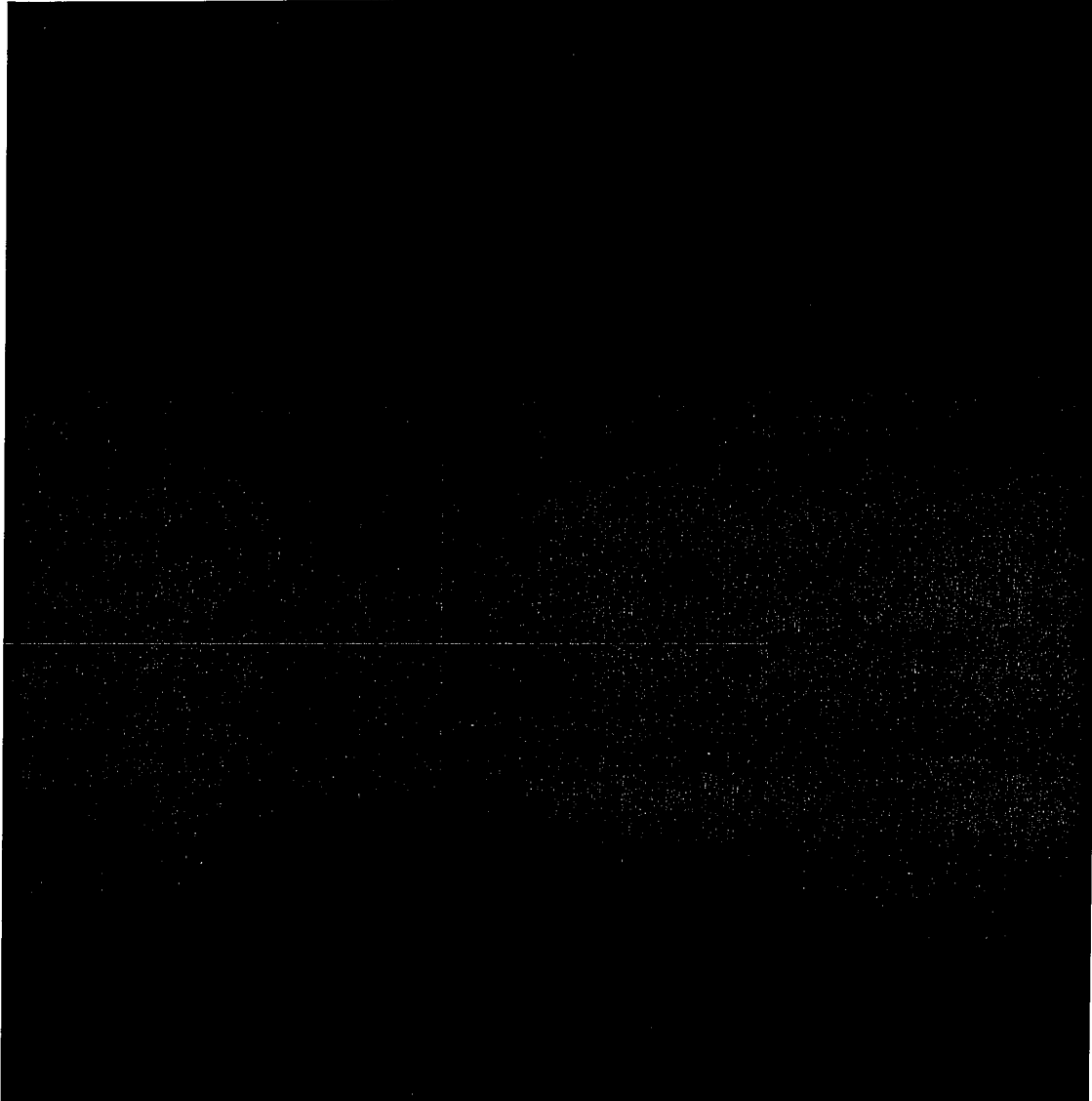
**TASK ORDER #5**

**Marine Observation Network Information Technology and NDBC Office Automation Task**

**POP: 07/01/05-12/31/05**

**CLIN2-CPFF**

**DIRECT LABOR HOURS**



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